

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**OIP FEE TRANSMITTAL**  
**for FY 2002**

NOV 26 2002  
PATENT & TRADEMARK OFFICE

Patent fees are subject to annual revision.

Complete if Known	
Application Number	09/443,233
Filing Date	November 18, 1999
First Named Inventor	John A. Helgenberg
Examiner Name	Gary Wayne Estremsky
Group / Art Unit	3677
Attorney Docket No.	TN-167

**RECEIVED**  
DEC 02 2002  
**GROUP 3600**

**TOTAL AMOUNT OF PAYMENT (\$)** 168.00

METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)																																																																																																																																																																																																								
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 18-0350</p> <p>Deposit Account Name: RatnerPrestia</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>					<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive – unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="5">Other fee (specify) _____</td> <td colspan="5"></td> </tr> <tr> <td colspan="5">*Reduced by Basic Filing Fee Paid</td> <td colspan="5">SUBTOTAL (3) (\$)</td> </tr> </tbody> </table>					Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for ex parte reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive – unavoidable		141	1,280	241	640	Petition to revive – unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17(q)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))		179	740	279	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____										*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$)				
Large Entity	Small Entity																																																																																																																																																																																																												
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																								
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																									
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																									
139	130	139	130	Non-English specification																																																																																																																																																																																																									
147	2,520	147	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																																									
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																									
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																									
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																									
116	400	216	200	Extension for reply within second month																																																																																																																																																																																																									
117	920	217	460	Extension for reply within third month																																																																																																																																																																																																									
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																																									
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																																									
119	320	219	160	Notice of Appeal																																																																																																																																																																																																									
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																																									
121	280	221	140	Request for oral hearing																																																																																																																																																																																																									
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																									
140	110	240	55	Petition to revive – unavoidable																																																																																																																																																																																																									
141	1,280	241	640	Petition to revive – unintentional																																																																																																																																																																																																									
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																																									
143	460	243	230	Design issue fee																																																																																																																																																																																																									
144	620	244	310	Plant issue fee																																																																																																																																																																																																									
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																									
123	50	123	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																																									
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																									
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																									
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																									
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																									
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																																									
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																																									
Other fee (specify) _____																																																																																																																																																																																																													
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$)																																																																																																																																																																																																								
<p>2. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td></td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="5"><b>SUBTOTAL (1)</b> (\$)</td> <td></td> </tr> </tbody> </table> <p>Total Claims: 15 -20** = 0 X 0 = 0</p> <p>Independent Claims: 8 -6** = 2 X 84.00 = 168.</p> <p>Multiple Dependent: X 0 = 0</p> <p>Large Entity Small Entity</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> <tr> <td colspan="5"><b>SUBTOTAL (2)</b> (\$168.00)</td> </tr> </tbody> </table>					Large Entity	Small Entity	Extra Claims	Fee from below	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	101	740	201	370	Utility filing fee		106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		<b>SUBTOTAL (1)</b> (\$)						Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	84	202	42	Independent claims in excess of 3	104	280	204	140	Multiple dependent claim, if not paid	109	84	209	42	** Reissue independent claims over original patent	110	18	210	9	** Reissue claims in excess of 20 and over original patent	<b>SUBTOTAL (2)</b> (\$168.00)																																																																																																																											
Large Entity	Small Entity	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																																									
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																								
101	740	201	370	Utility filing fee																																																																																																																																																																																																									
106	330	206	165	Design filing fee																																																																																																																																																																																																									
107	510	207	255	Plant filing fee																																																																																																																																																																																																									
108	740	208	370	Reissue filing fee																																																																																																																																																																																																									
114	160	214	80	Provisional filing fee																																																																																																																																																																																																									
<b>SUBTOTAL (1)</b> (\$)																																																																																																																																																																																																													
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description																																																																																																																																																																																																									
103	18	203	9	Claims in excess of 20																																																																																																																																																																																																									
102	84	202	42	Independent claims in excess of 3																																																																																																																																																																																																									
104	280	204	140	Multiple dependent claim, if not paid																																																																																																																																																																																																									
109	84	209	42	** Reissue independent claims over original patent																																																																																																																																																																																																									
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																									
<b>SUBTOTAL (2)</b> (\$168.00)																																																																																																																																																																																																													

\*\*or number previously paid, if greater; For Reissues, see above

SUBMITTED BY						Complete (if applicable)	
Name (Print/Type)	Joshua L. Cohen		Registration No. Attorney/Agent)	38,040	Telephone	610-407-0700	
Signature	<i>Joshua L. Cohen</i>				Date	November 21, 2002	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



TN167

PATENT

#7/B  
GW  
12/18/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): John A. Helgenberger et al. : Art Unit: 3677  
Serial No.: 09/443,233 : Examiner: Gary Wayne Estremsky  
Filed: November 18, 1999 :  
For: LATCHING SYSTEM :

RESPONSE TO OFFICE ACTION DATED AUGUST 28, 2002

To: Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED

DEC 02 2002

The applicants request entry of the following claim  
amendments.

GROUP 3600

Please replace claims 1, 4, 14, 15, 19, 22, and 23 with the  
following amended claims.

- Sub Jkt*
1. ~~(Once Amended) A system for providing releasable engagement between two structures, said system comprising:~~
- 3        ~~a stud extending outwardly from a first one of said structures along an axis, said stud having an outer surface oriented at an angle to said axis; and~~
- 5        ~~a resilient member positioned adjacent a surface of a second one of said structures, said resilient member having a substantially toroidal configuration defining an opening smaller than said stud; said resilient member being configured to allow said opening to expand radially outwardly to permit passage of said stud upon application of a force parallel to said axis and to releasably engage said outer surface of said stud when said resilient member is relaxed, thereby providing releasable engagement between said structures.~~

- b2*
1. ~~4. (Twice Amended) A system for providing releasable engagement between a first structure and a second structure, said system comprising:~~

11/27/2002 SZEWDIE1 00000103 09443233

01 FC:1201

168.00 00